

### Abstract

A method based on an integrative relaxation principle is proposed for plant occupancy planning in the process industry, for which a relaxation that simplifies the resource problem is formed and the relaxed problem is solved, and conflicts contained in the solution of the relaxation problem are solved by precedence relationships between operations and the selection of resources.

(Figure 1)

Downloaded from ascelibrary.org by University of California, San Diego on 06/01/15. Copyright ASCE, For All Rights Reserved, No part of this document may be reproduced, stored in a retrieval system, or transmitted, in any form or by any means, electronic, mechanical, photocopying, recording, or by any information storage or retrieval system, without permission in writing from ASCE.